

1. A software product comprising:

flow control software configured to direct a processing system to determine a delay variation between at least a first link and a second link, control a communication system to route user communications over the first link if the delay variation is within a maximum threshold, and control the communication system to route the user communications over the second link if the delay variation exceeds the maximum threshold; and

a storage medium configured with the flow control software.

2. The software product of claim 1 wherein the flow control software is configured to direct the processing system to adjust the maximum threshold in response to packet sequence problems.

3. The software product of claim 1 wherein the flow control software is configured to direct the processing system to adjust the maximum threshold in response to repeat TCP ACKs.

4. The software product of claim 1 wherein the flow control software is configured to direct the processing system to route the user communications over a pre-determined one of the links if the user communications comprise voice traffic.

5. A method of operating a communication system comprising:

determining a delay variation between at least a first link and a second link;

routing user communications over the first link if the delay variation is within a maximum threshold; and

routing the user communications over the second link if the delay variation exceeds the maximum threshold.

6. The method of claim 5 further comprising adjusting the maximum threshold in response to packet sequence problems.

7. The method of claim 5 further comprising adjusting the maximum threshold in response to repeat TCP ACKs.

8. The method of claim 5 further comprising routing the user communications over a pre-determined one of the links if the user communications comprise voice traffic.

9. The method of claim 5 wherein one of the links comprises a wireless link.

10. The method of claim 5 wherein one of the links comprises an MMDS link.

11. The method of claim 5 wherein one of the links comprises a DSL link.

12. The method of claim 5 wherein one of the links comprises a ISDN link.

13. The method of claim 5 wherein one of the links comprises a T1 link.

14. A communication system comprising:

a communication processing system configured to route user communications over a first link or a second link in response to control signals; and

5 a flow control system configured to determine a delay variation between at least a first link and a second link, generate the control signals to route user communications over the first link if the delay variation is within a maximum threshold, and generate the control signals to route the user communications over the second link if the delay variation exceeds the maximum threshold.

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15. The communication system of claim 14 wherein the flow control system is configured to adjust the maximum threshold in response to packet sequence problems.

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16. The communication system of claim 14 wherein the flow control system is configured to adjust the maximum threshold in response to repeat TCP ACKs.

17. The communication system of claim 14 wherein the flow control system is configured to generate the control signals to route the user communications over
20 a pre-determined one of the links if the user communications comprise voice traffic.

18. The communication system of claim 14 wherein one of the links comprises a wireless link.

19. The method of claim 14 wherein one of the links comprises an MMDS link.

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20. The communication system of claim 14 wherein one of the links comprises a DSL link.

21. The communication system of claim 14 wherein one of the links comprises a
10 ISDN link.

22. The communication system of claim 14 wherein one of the links comprises a
T1 link.